

9th Class 2018

Biology	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- Branch of biology that deals with the study of insects is called:
- (a) Physiology (b) Histology
(c) Entomology ✓ (d) Genetics
- 2- Which organism has colonial organization:
- (a) Mustard plant (b) Frog
(c) Amoeba (d) Volvox ✓
- 3- Tentative explanation of observations is called:
- (a) Hypothesis ✓ (b) Deduction
(c) Theory (d) Scientific law
- 4- Scientific name of human being is:
- (a) Pisum sativum (b) Homo sapiens ✓
(c) Rosa indica (d) Allium cepa
- 5- Major component of plants cell wall is:
- (a) Chitin (b) Peptidoglycan
(c) Cellulose ✓ (d) Cholesterol
- 6- Photograph taken through a microscope:
- (a) Microscopy (b) Magnification
(c) Micrograph ✓ (d) Resolution
- 7- Which stage of cell division is different in animals and plants cells:
- (a) Metaphase (b) Anaphase
(c) Telophase (d) Cytokinesis ✓

- 8- Induced Fit Model proposed by:
(a) Emil Fischer (b) Daniel Koshland ✓
(c) Robert Hook (d) Schwann
- 9- Which of these can enter into Krebs cycle:
(a) Glucose (b) Pyruvic acid
(c) Citric acid (d) Acetyl Co-A ✓
- 10- Process of break down of large droplets of lipids in the small droplets:
(a) Emulsification ✓ (b) Absorption
(c) Peristalsis (d) Digestion
- 11- Which blood vessels carry de-oxygenated blood:
(a) Renal artery (b) Aorta
(c) Pulmonary vein ✓ (d) Pulmonary artery
- 12- In a tissue, capillaries join to form small veins:
(a) Lumen (b) Venules ✓
(c) Capillaries (d) Arterioles